

Message

From: Johnson, Reed M. [johnson.5005@osu.edu]
Sent: 8/30/2016 7:01:30 PM
To: Purucker, Tom [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6945277bf1f14a69933a6a58e036b298-Purucker, Tom]
Subject: RE: Additional bee samples from 2016 planting related bee kill

Not a problem – I'm well acquainted with the distractions of grad school and equipment failure. Just wanted to let you know that there's a ready audience for some of those data.

Reed

From: Purucker, Tom [mailto:Purucker.Tom@epa.gov]
Sent: Tuesday, August 30, 2016 2:48 PM
To: Johnson, Reed M.
Subject: RE: Additional bee samples from 2016 planting related bee kill

Hi Reed-

Sorry for the delays, the lab is not my thing so I just periodically ask for an update. There have been some distractions as Donna has just finished her written and oral comps, but almost all the dead bee samples have been extracted and are ready to run. However, there still has not been any actual quantification of these samples and there is now a mechanical issue with the lcms that Matthew is working on fixing. The extracted samples will take about a week to run once the machine is repaired so if all goes well then the lc will be back up this week and the sample will be finished next week. However, not everything has gone smoothly this summer...

Apologies, I'll provide an update next week,

Tom

From: Johnson, Reed M. [mailto:johnson.5005@osu.edu]
Sent: Tuesday, August 30, 2016 2:01 PM
To: Purucker, Tom <Purucker.Tom@epa.gov>
Subject: RE: Additional bee samples from 2016 planting related bee kill

Hi Tom,

Hope your summer has gone well. I just got a call from Lyle Keller, the beekeeper here in Ohio that suffered a planting-related bee kill this spring. He sent off some oak flowers and alfalfa from around his farm for testing at USDA-AMS. The oak flowers contained 29 ppb clothianidin . . . not enough to kill bees outright, but suggestive that high levels of seed treatment insecticides were in the environment. I was just wondering if you had any results from the dead bees we sent you back in early June that could shed light on this?

And we are working on the corn dust manuscript again after a summer of field work. We'll send you a draft soon.

Thanks,

Reed

From: Purucker, Tom [mailto:Purucker.Tom@epa.gov]
Sent: Tuesday, May 31, 2016 12:20 PM
To: Johnson, Reed M.
Subject: RE: Additional bee samples from 2016 planting related bee kill

Yes, I just placed a lab order to run all the dead bees so go ahead and send them on. Donna has been working extractions and will start analyses next week. As a follow-up to the last email- can you also confirm with your financial people that Ohio State has been paid for all the invoices they have submitted?
thanks,
Tom

From: Johnson, Reed M. [<mailto:johnson.5005@osu.edu>]
Sent: Tuesday, May 31, 2016 12:17 PM
To: Purucker, Tom <Purucker.Tom@epa.gov>
Subject: Additional bee samples from 2016 planting related bee kill

Hi Tom,

Last week I went out and collected a batch of bees from a big commercial beekeeper over near Findlay, Ohio that experienced a very clear bee kill event related to corn planting in his area. Are you still working on processing the dead bees from last year? Is there any chance I could send you these 4 samples of dead bees to be included with your analyses?

Reed

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